

Fig.1

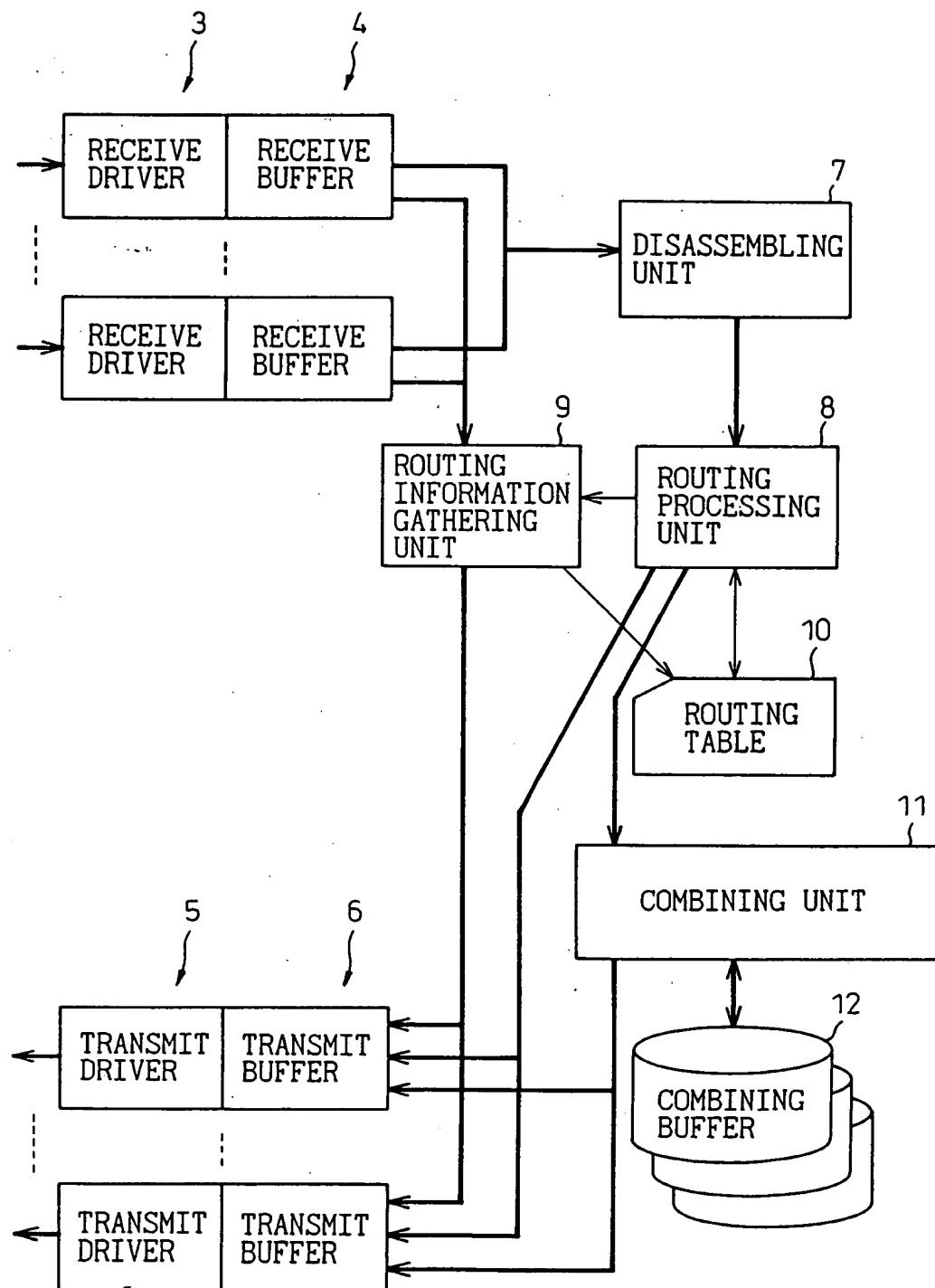


Fig.2

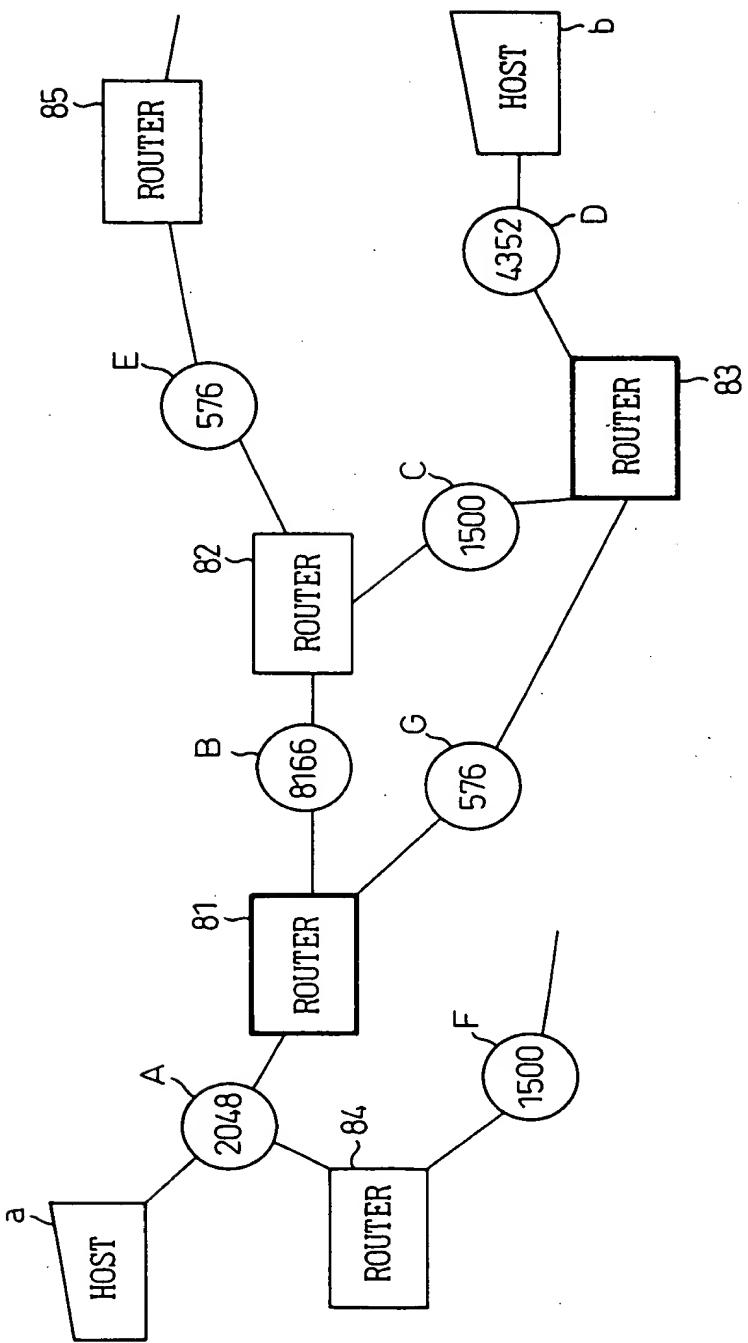


Fig.3

ROUTING TABLE IN ROUTER 81

NETWORK	NEXT HOP ROUTER	DISTANCE	TRANSMISSION PATH MTU	COMBINED PACKET	DISASSEMBLING ROUTER
D	82	2	1500	ACCEPTABLE	83
D	83	1	576	ACCEPTABLE	83
⋮	⋮	⋮	⋮	⋮	UN-ACCEPTABLE

Fig.4

ROUTING TABLE IN ROUTER 82

NETWORK	NEXT HOP ROUTER	DISTANCE	TRANSMISSION PATH MTU	COMBINED PACKET	DISASSEMBLING ROUTER
A	81	1	2048	ACCEPTABLE	81
D	83	1	1500	ACCEPTABLE	83
...	UN-ACCEPTABLE	...

Fig.5

ROUTING TABLE IN ROUTER 83				
NETWORK	NEXT HOP ROUTER	DISTANCE	TRANSMISSION PATH MTU	COMBINED PACKET
				DISASSEMBLING ROUTER
A	82	2	1500	ACCEPTABLE 81
A	81	1	576	ACCEPTABLE 81
:	:	:	:	UN-ACCEPTABLE :

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Fig.6

NETWORK ADDRESSES OF NETWORKS

NETWORK	NETWORK ADDRESS	SUBNET MASK
A	10. 100. 0. 0	255. 255. 0. 0
B	10. 0. 0. 0	255. 0. 0. 0
C	20. 0. 0. 0	255. 0. 0. 0
D	20. 210. 0. 0	255. 255. 0. 0
E	20. 200. 0. 0	255. 255. 0. 0
F	10. 100. 1. 0	255. 255. 255. 0
G	30. 0. 0. 0	255. 0. 0. 0

Fig.7

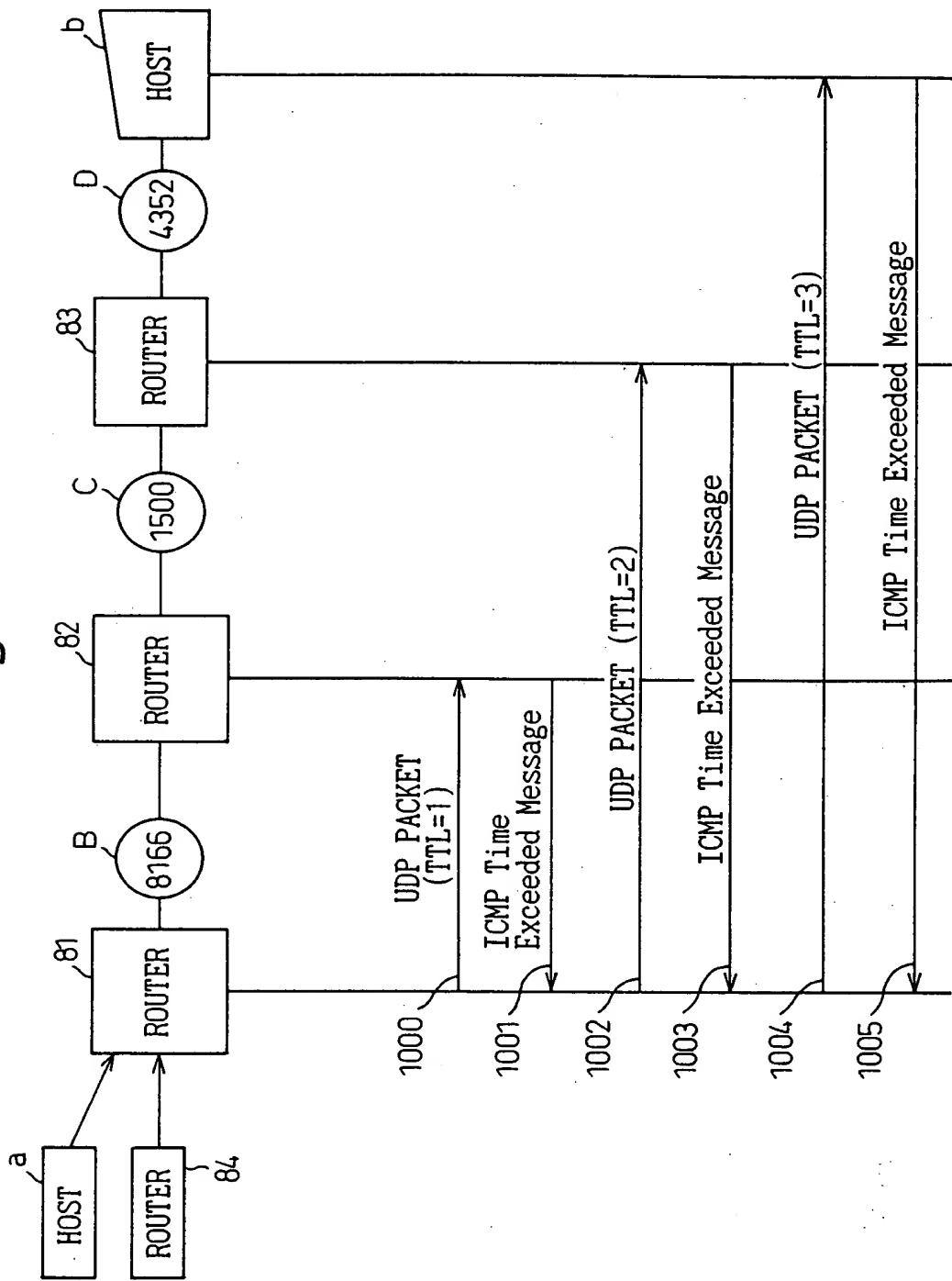


Fig.8

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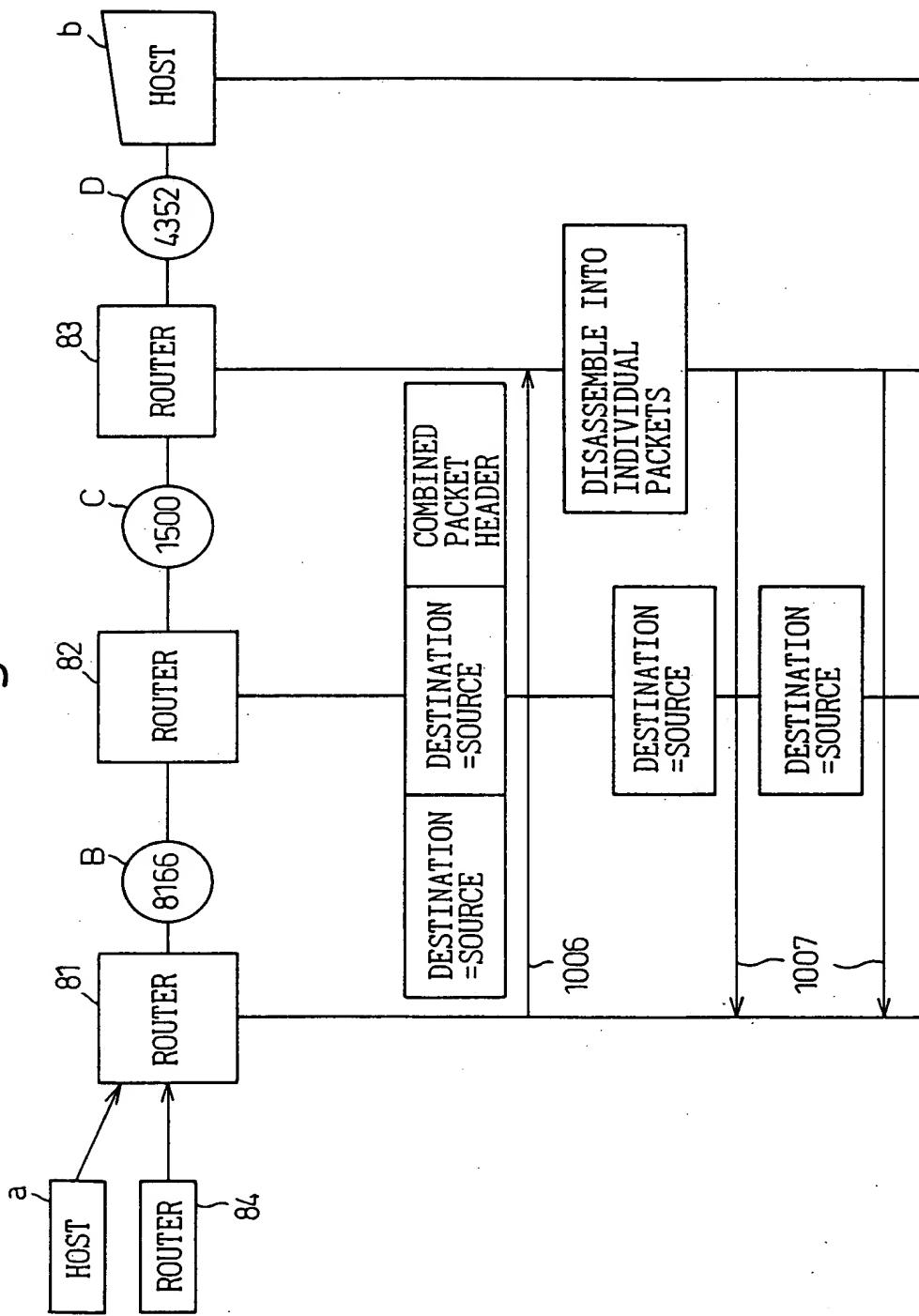
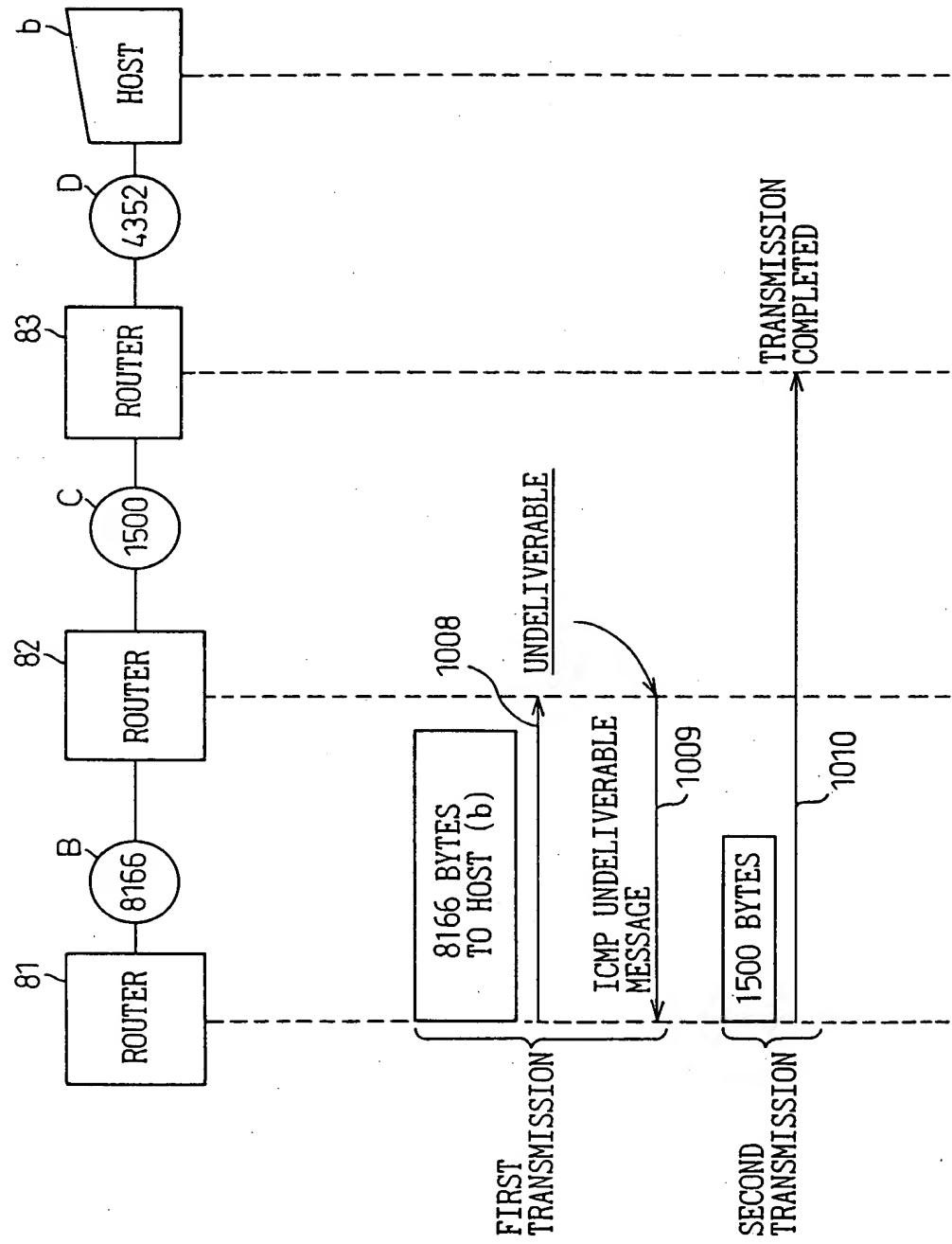


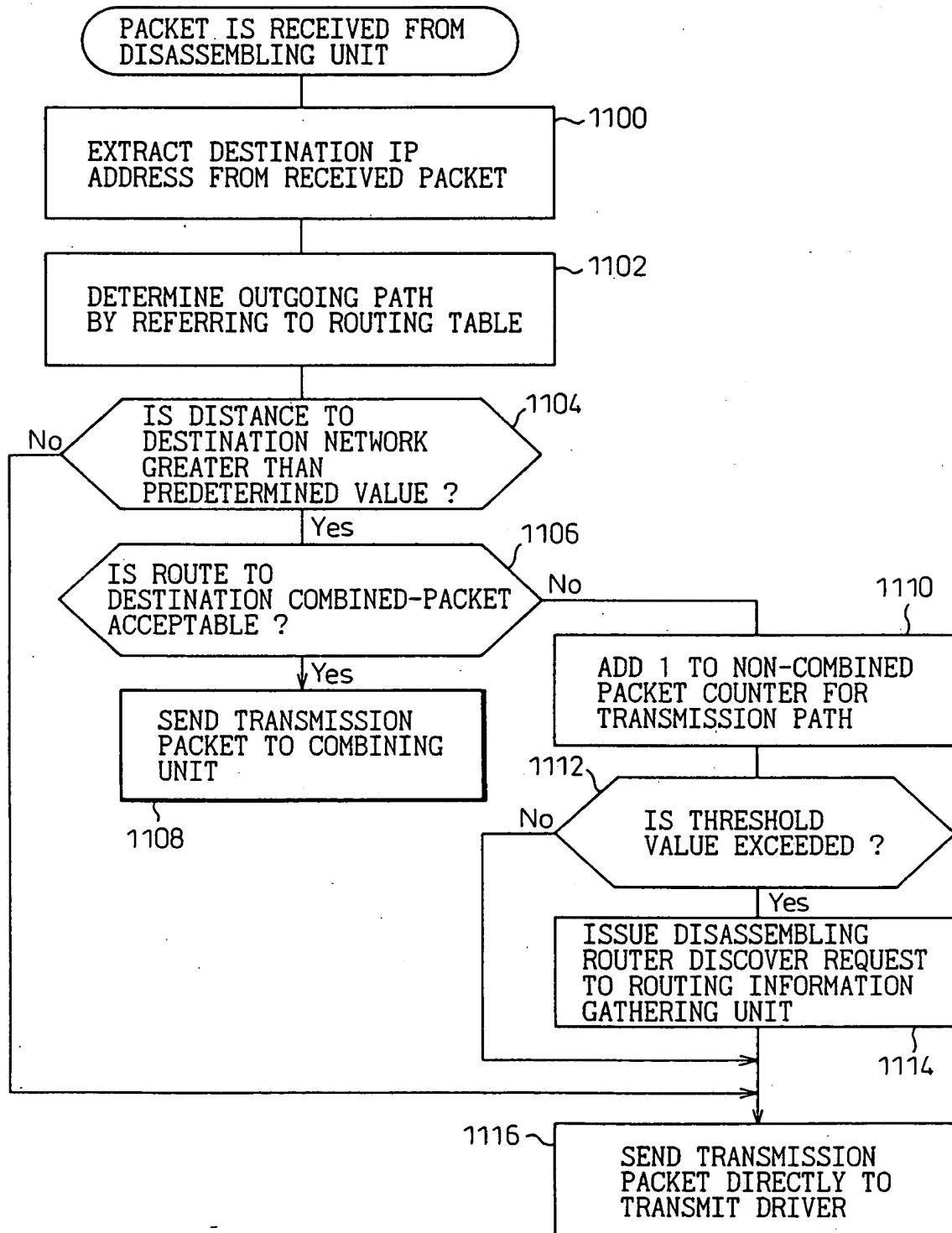
Fig.9

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Fig.10



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Fig.11

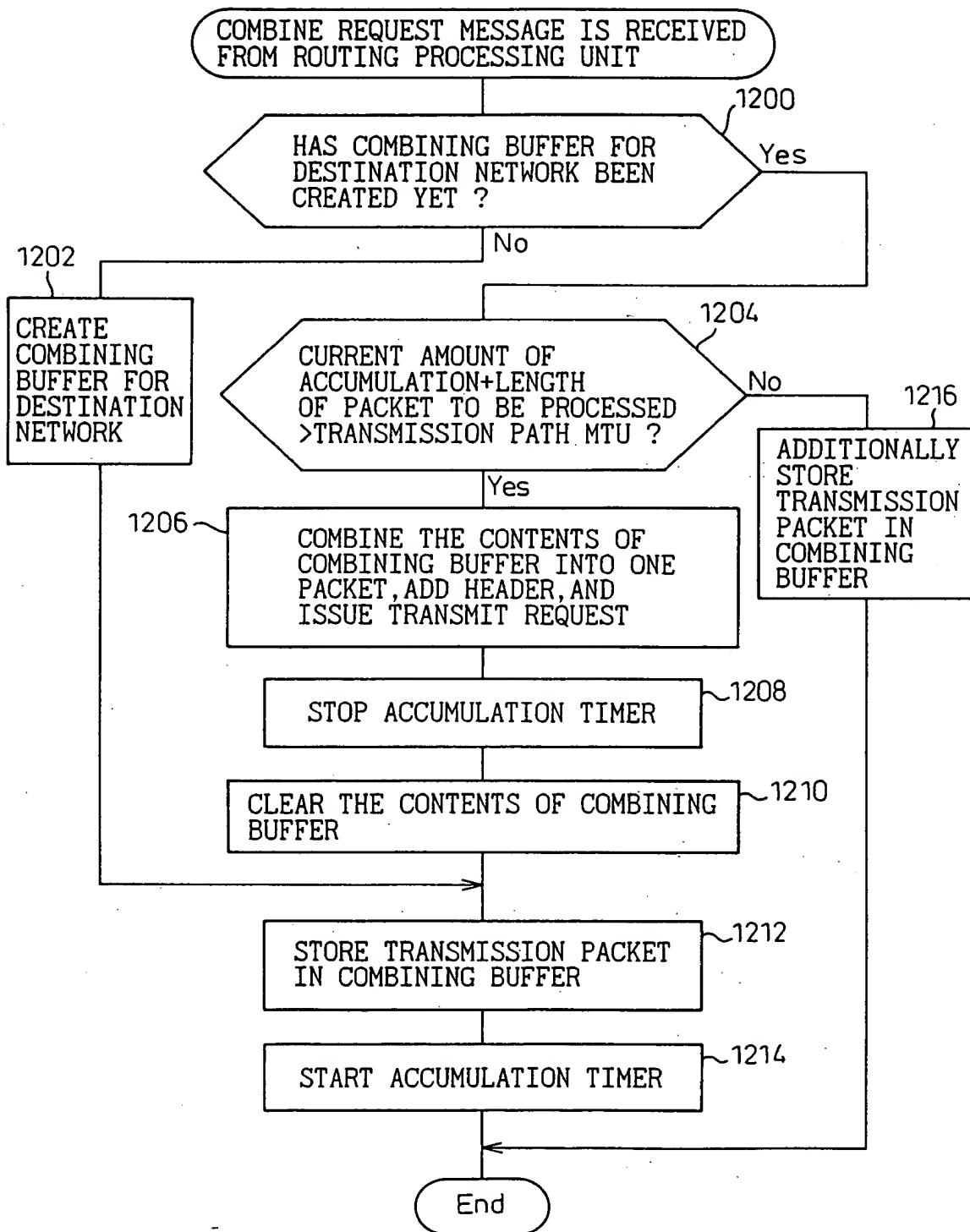
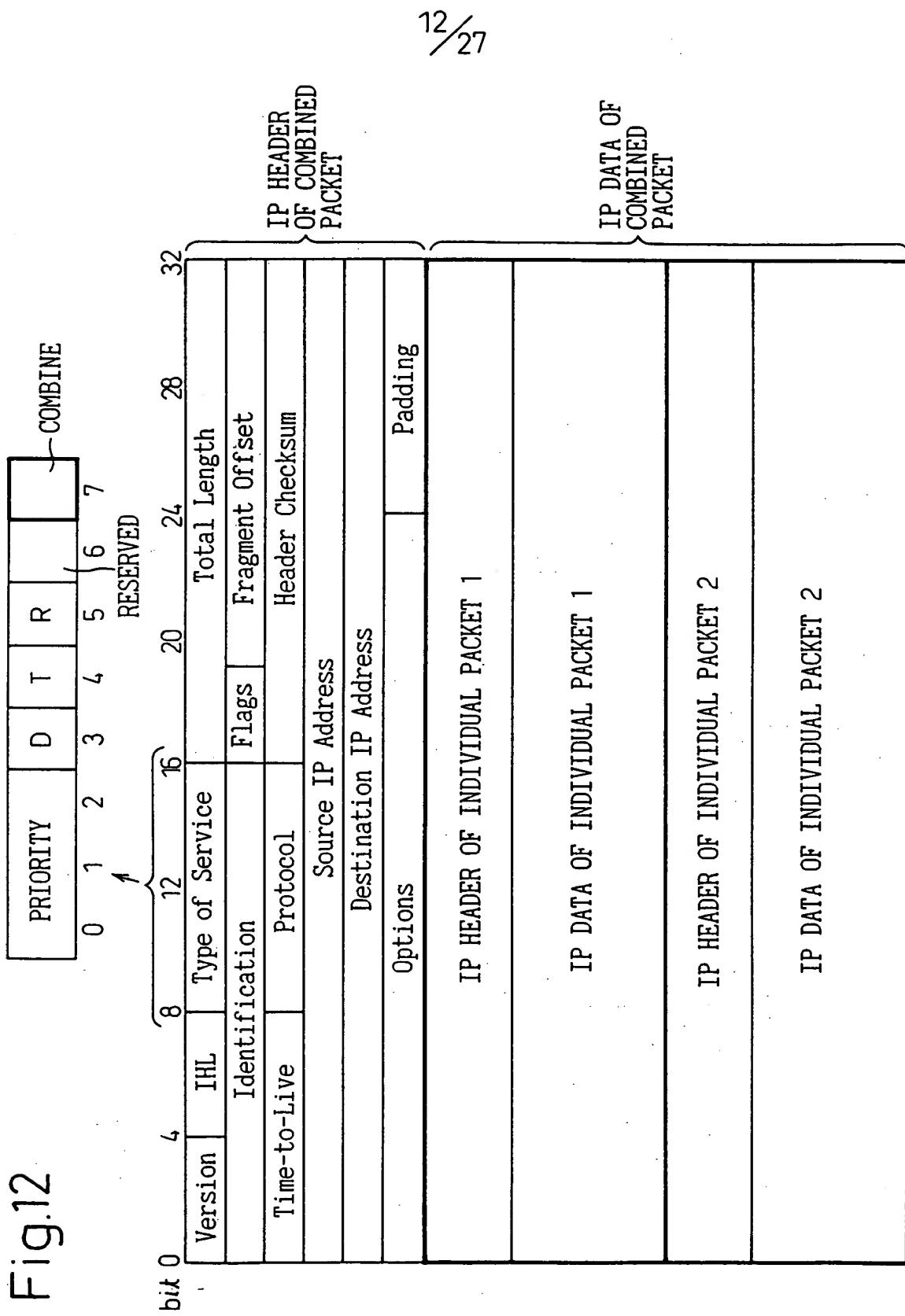
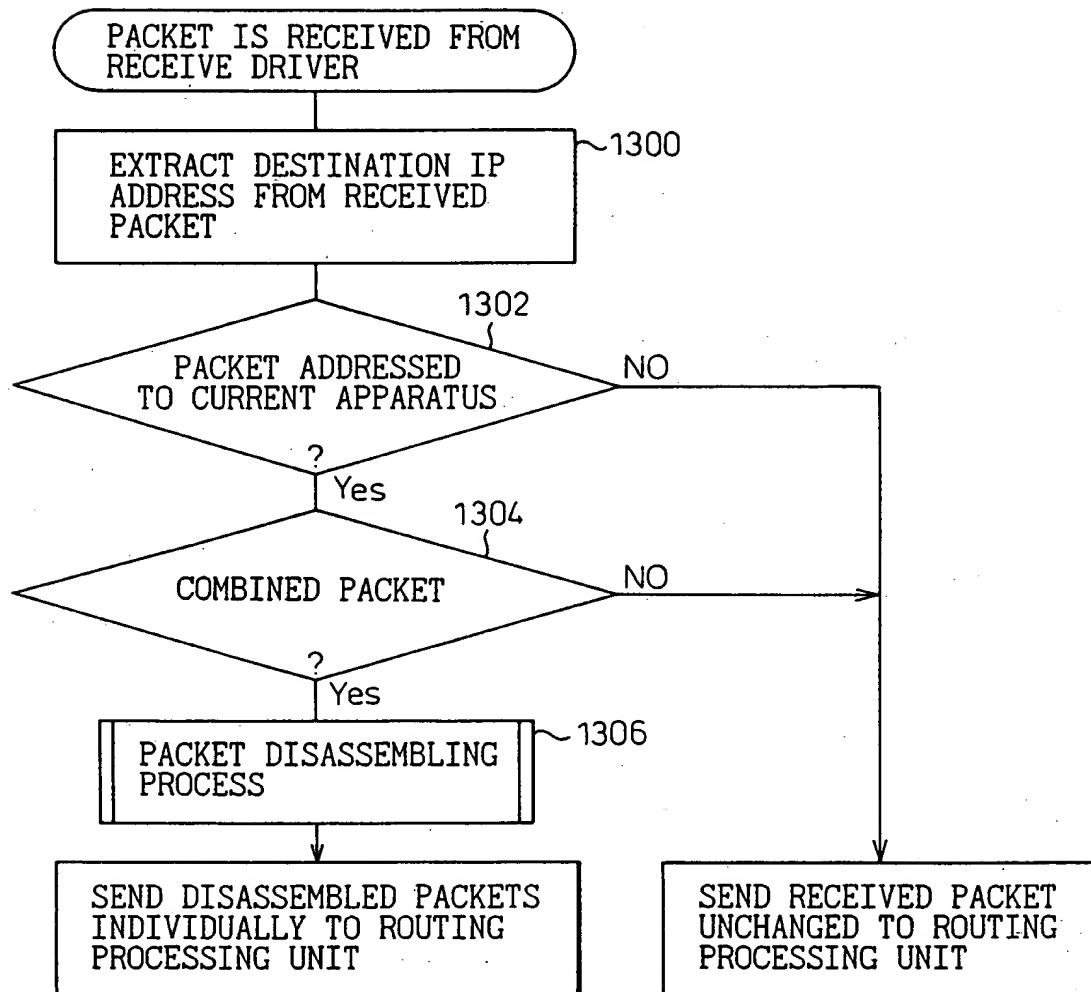


Fig.12



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Fig.13



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Fig.14

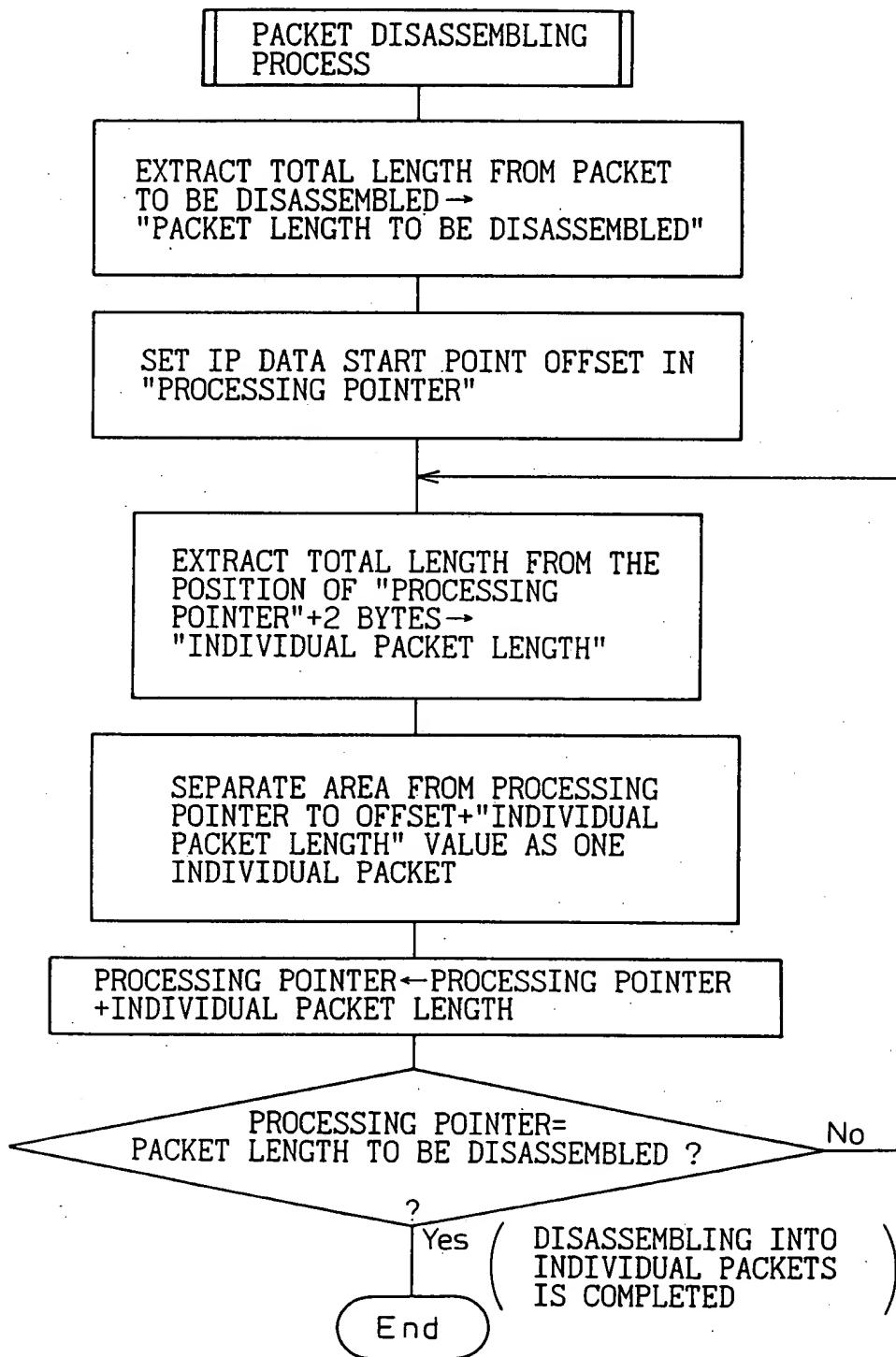


Fig.15

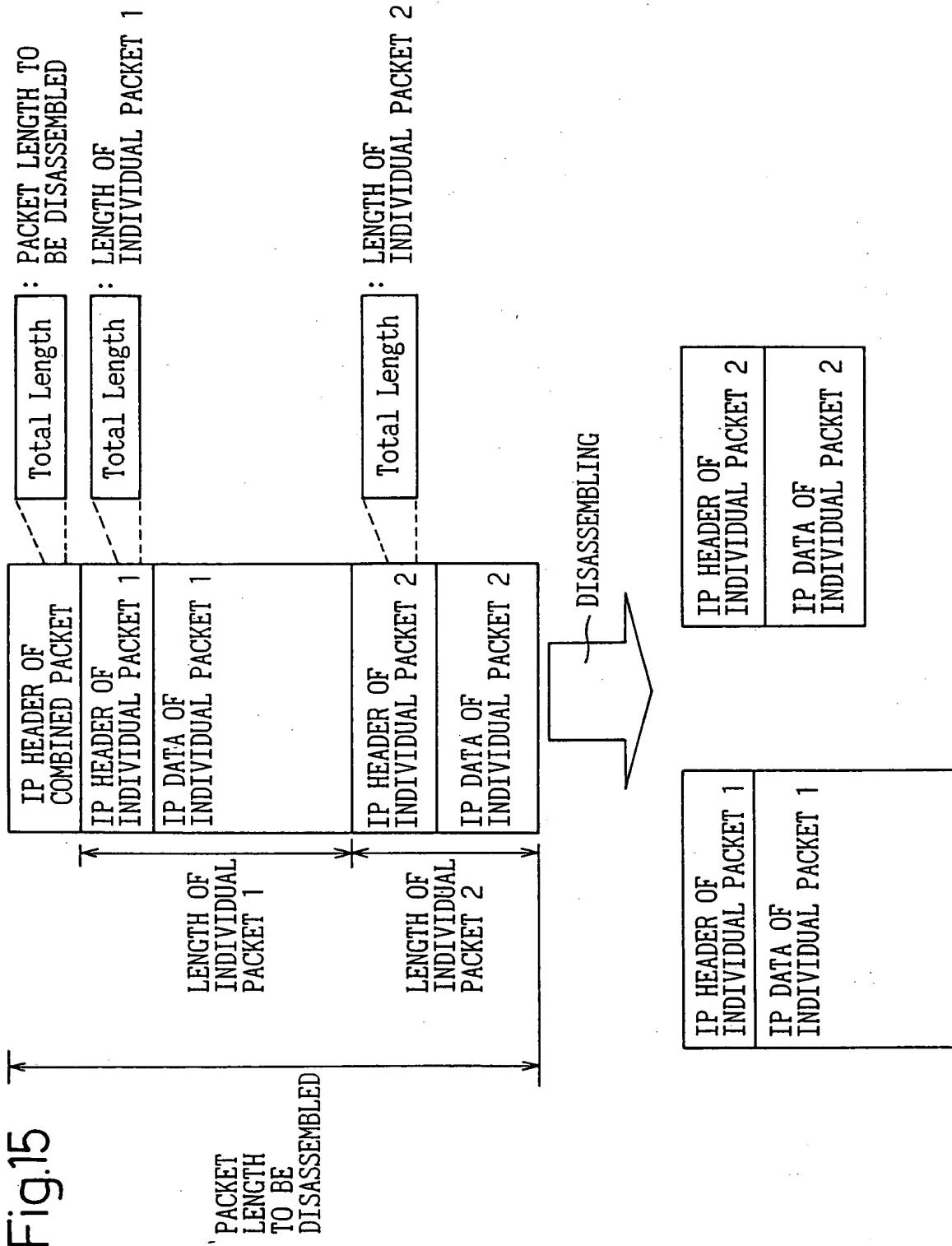


Fig.16

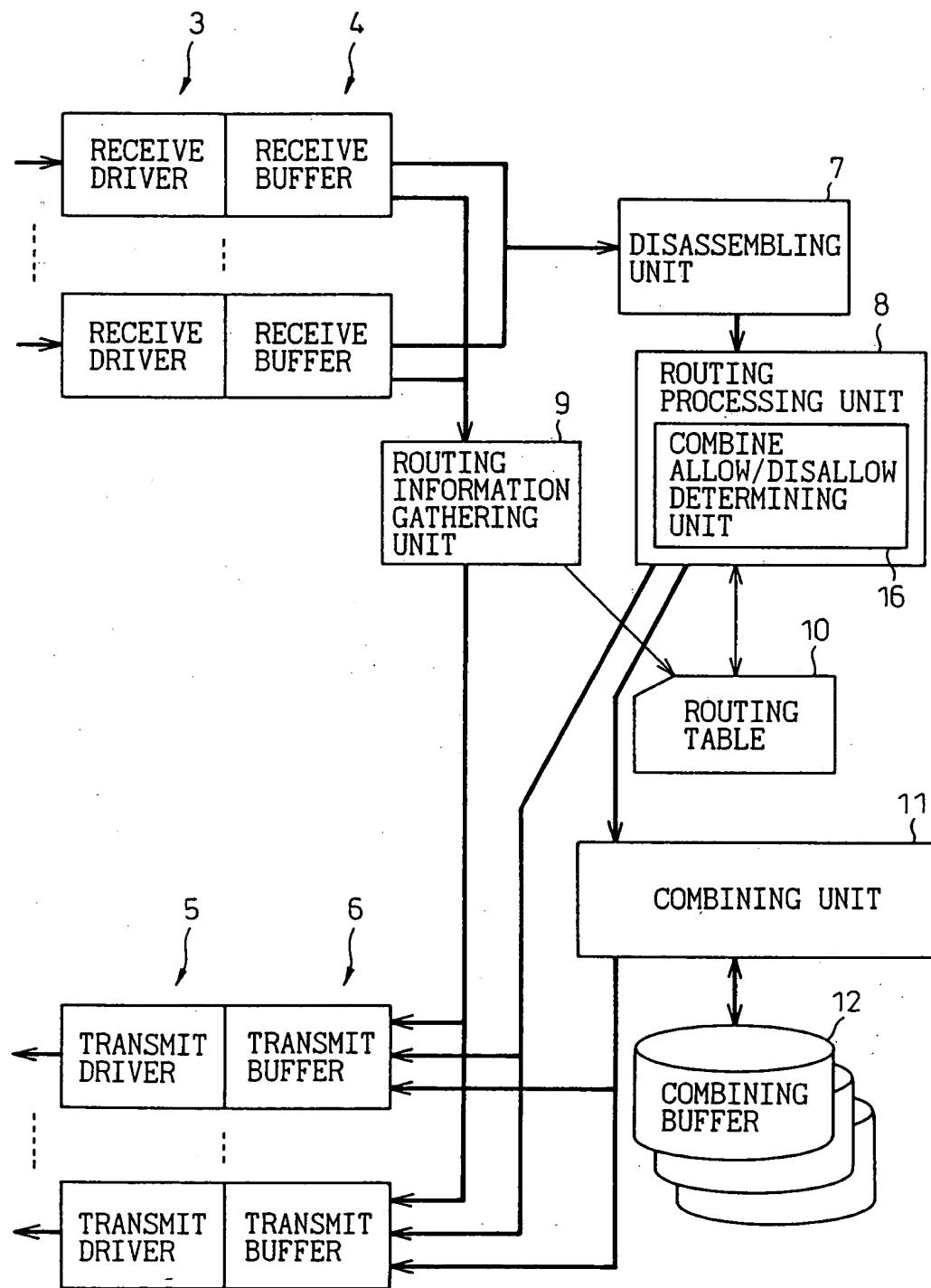


Fig.17

ROUTING TABLE IN ROUTER 81

ROUTING TABLE IN ROUTER C					
NETWORK	NEXT HOP ROUTER	DIS- TANCE	TRANSMISSION PATH MTU	COM- BINED PACKET	DISASSEM- BLING ROUTER
D	82	2	1500	ACCEP- TABLE	83
D	83	1	576	ACCEP- TABLE	83
..

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Fig.18

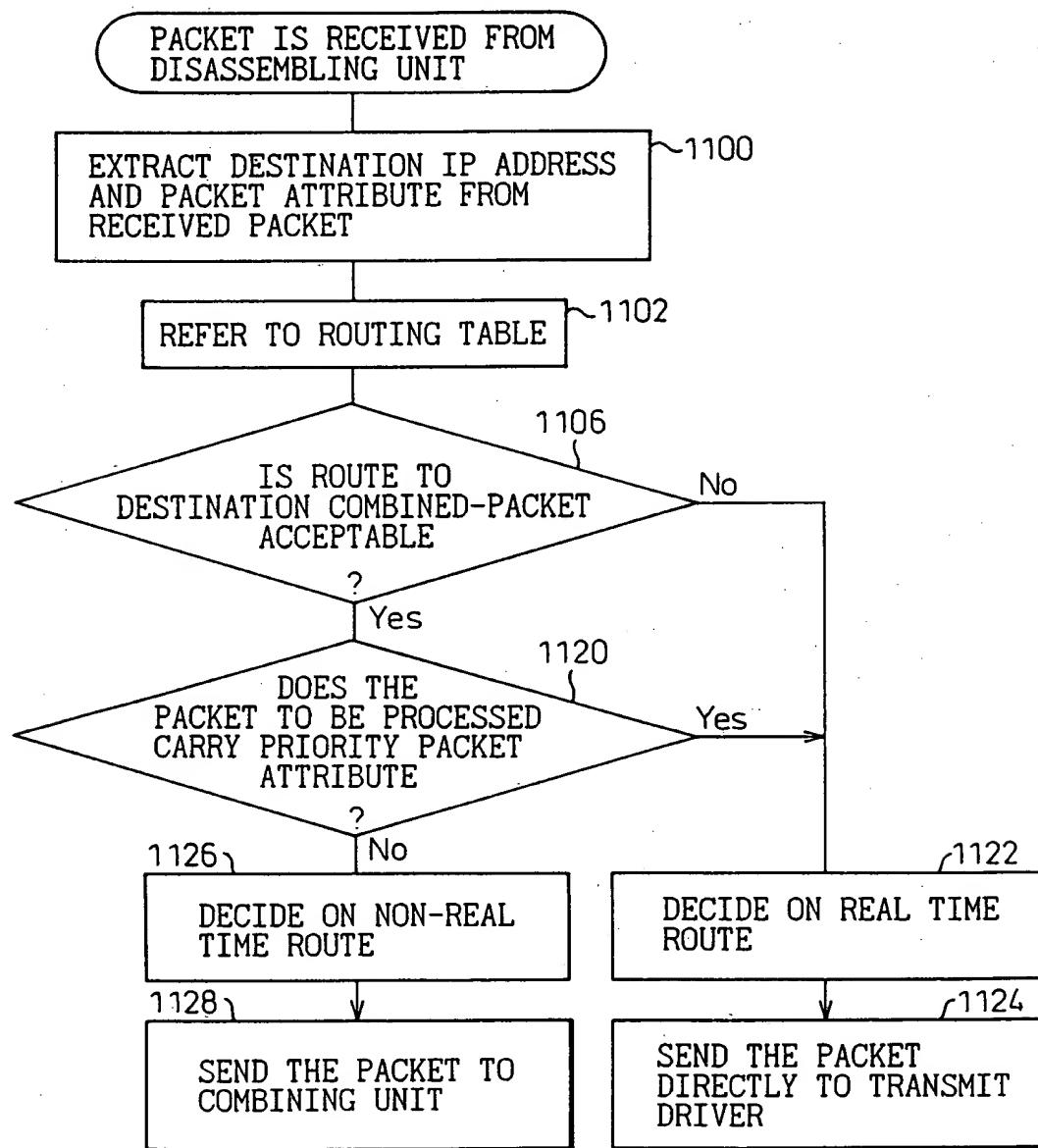
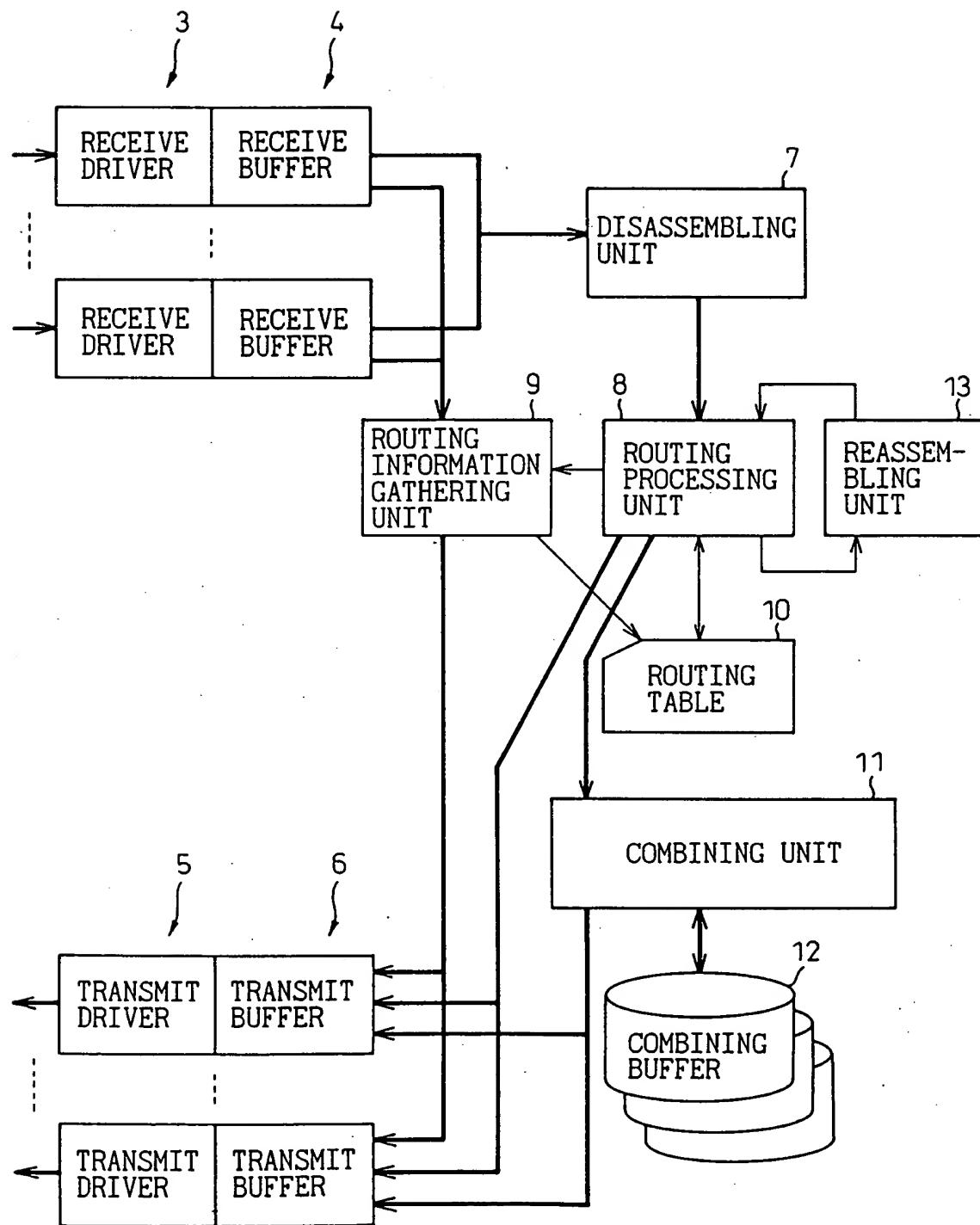
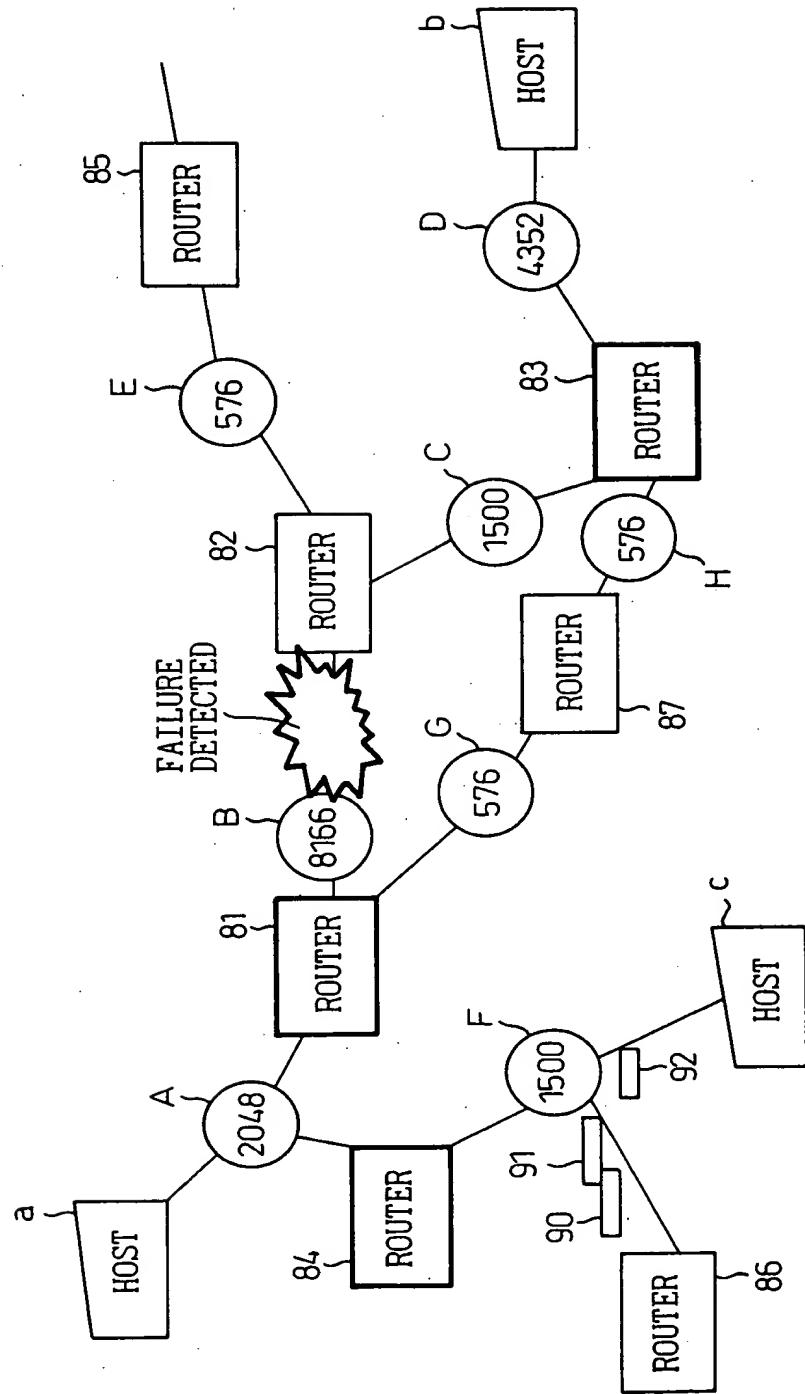


Fig.19



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Fig.20



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Fig. 21

ROUTING TABLE IN ROUTER 84

NETWORK	NEXT HOP ROUTER	DISTANCE	TRANSMISSION PATH MTU	COMBINED PACKET	DISASSEMBLING ROUTER	NETWORK CONDITION
D	81	3	1500	ACCEPTABLE	83	NORMAL
:	:	:	:	:	:	:

Fig.22

ROUTING TABLE IN ROUTER 81

NETWORK	NEXT HOP ROUTER	DISTANCE	TRANSMISSION PATH MTU	COMBINED PACKET	DISASSEMBLING ROUTER	NETWORK CONDITION
D	82	2	1500	ACCEPTABLE	83	<u>FAILED</u>
D	87	2	576	ACCEPTABLE	83	NORMAL

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Fig.23

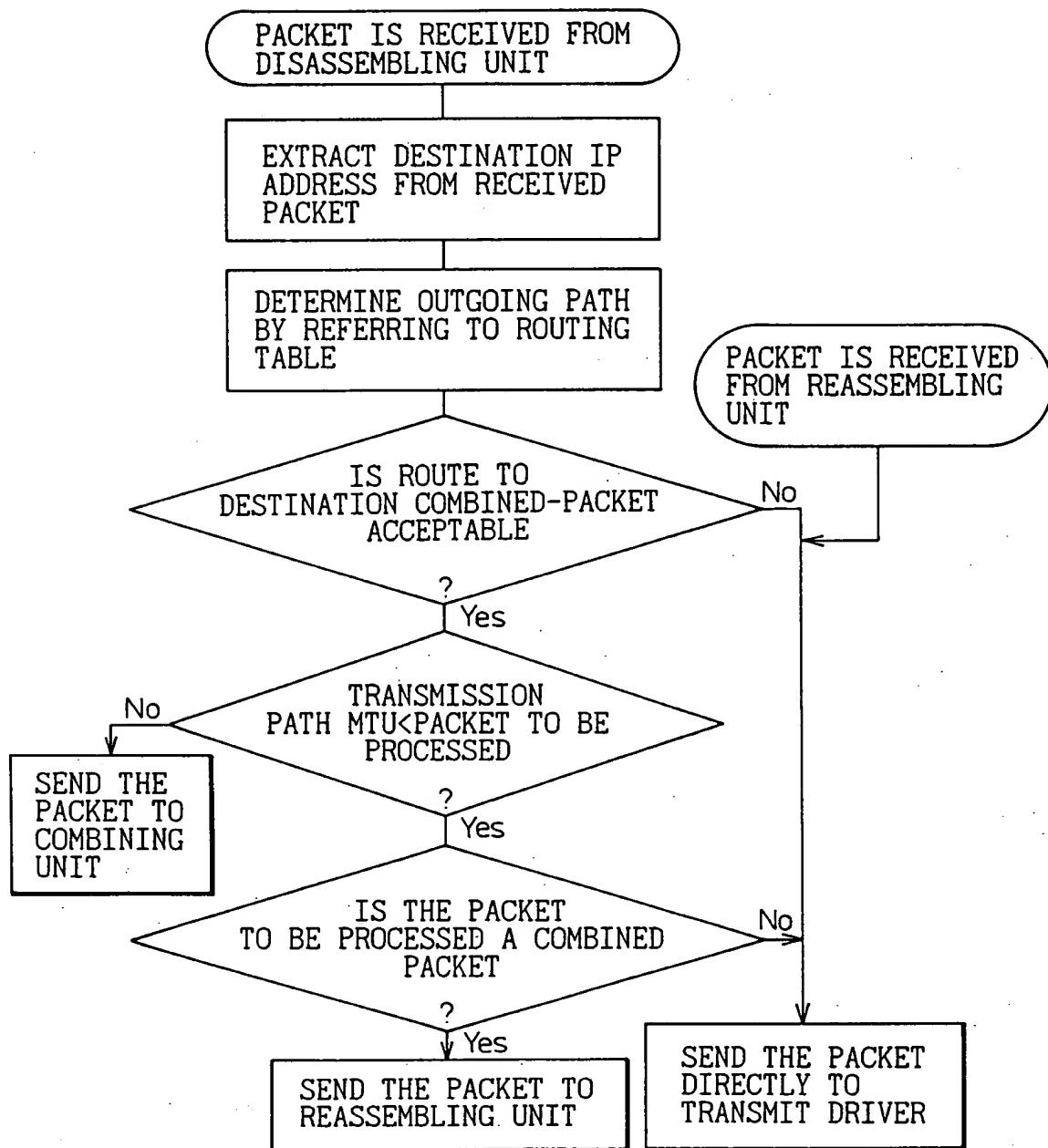
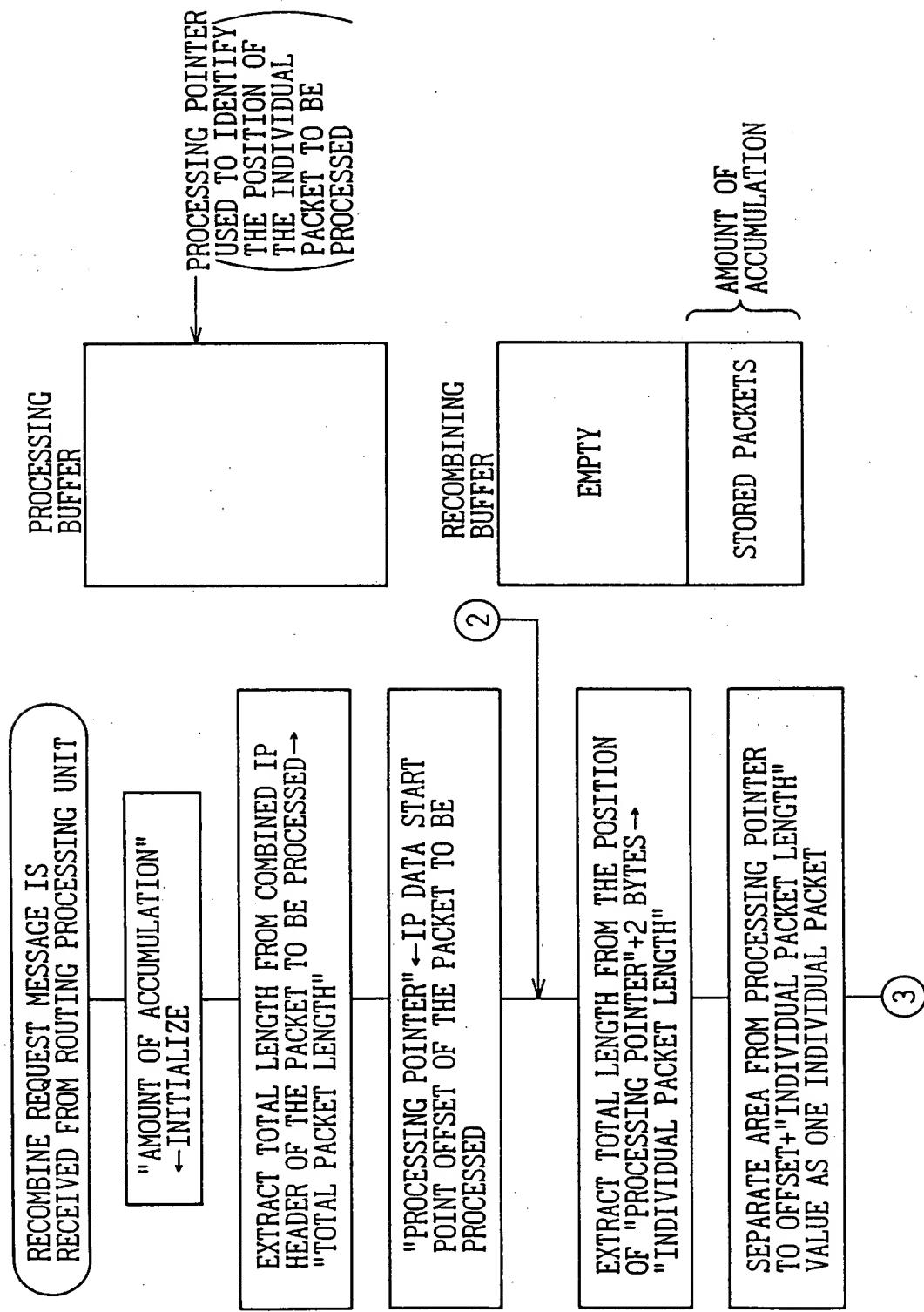


Fig. 24

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Fig.25

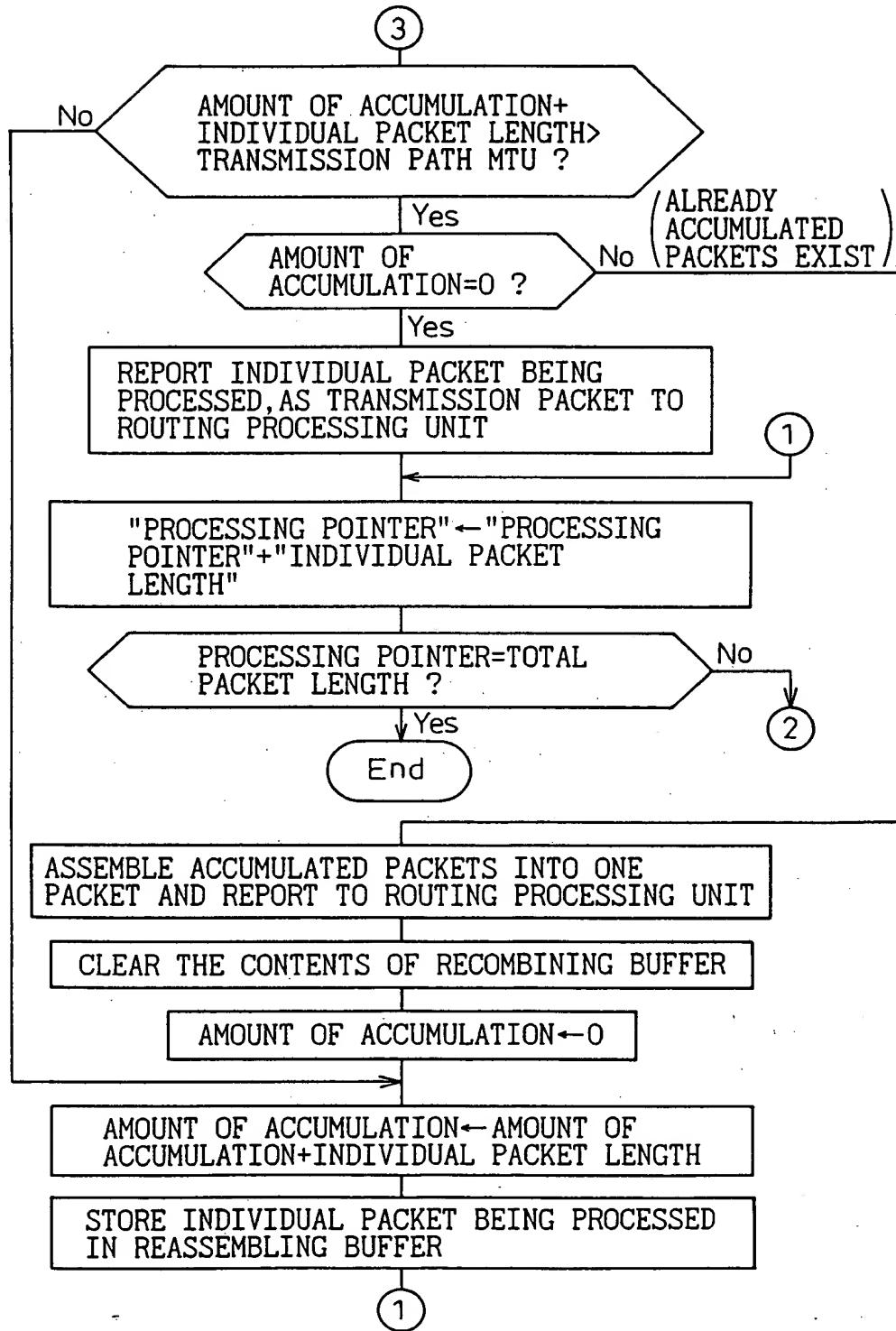


Fig.26

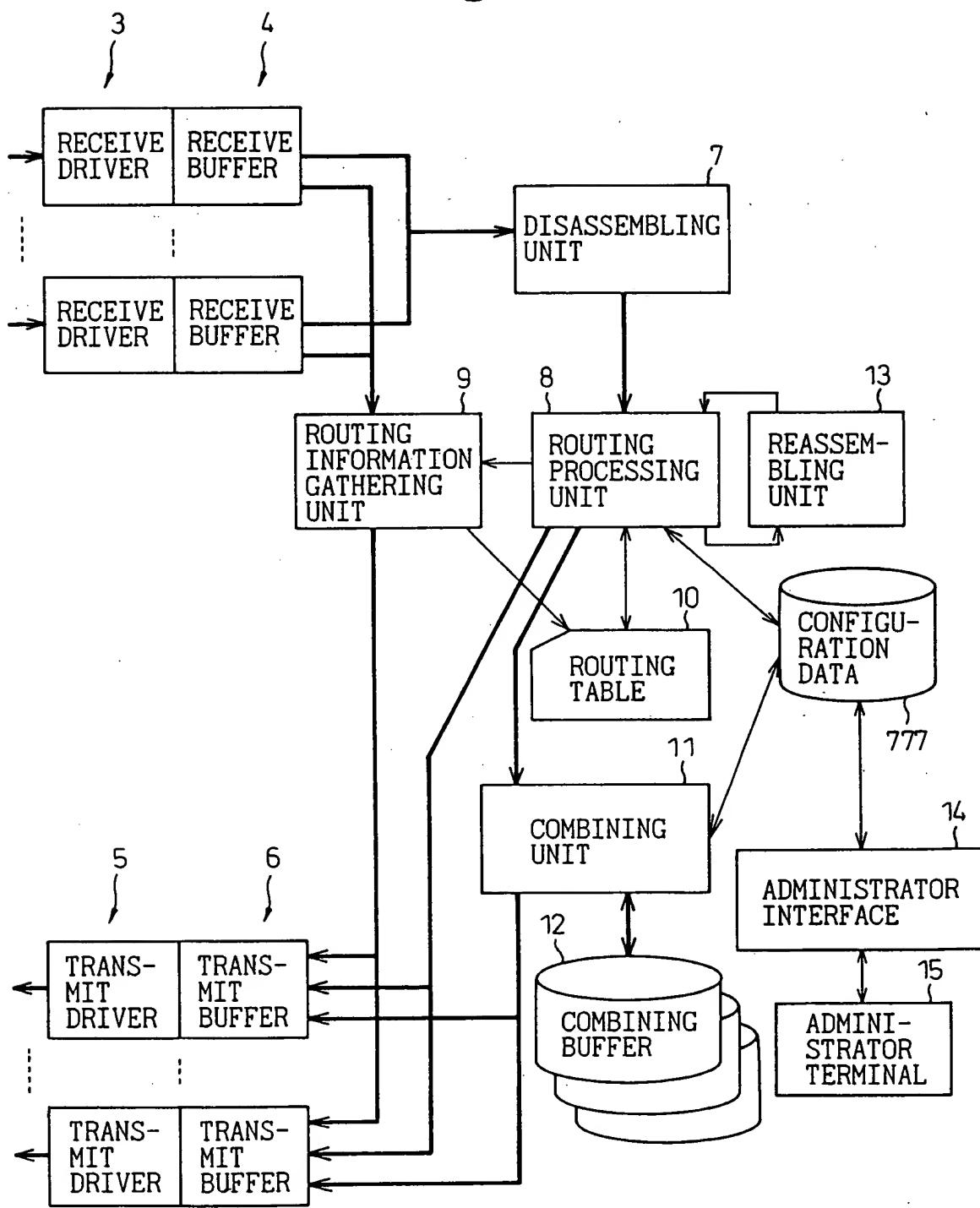


Fig.27